

What is claimed is:

1. A spectrophotometer system, comprising:

a probe tip including one or more light sources and a plurality of light receivers;

a first spectrometer system receiving light from a first set of the plurality of light receivers;

5 a second spectrometer system receiving light from a second set of the plurality of light receivers;

a processor, wherein the processor receives data generated by the first spectrometer system and the second spectrometer system, wherein an optical measurement of a sample under test is produced based on the data generated by the first and second spectrometer systems.

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